

Dyes and Pigments 52 (2002) I-II



Contents of Volume 52

Number 1

- Syntheses of novel unsymmetrically tetrasubstituted phthalocyaninato vanadyl and zinc complexes with a nitro or amino group
 M. TIAN, T. WADA & H. SASABE (Japan)
- 9 Solid-state spectra of 5,7,12,14-tetrathiapentacene-6,13-dione S. MATSUMOTO, H. MIURA & J. MIZUGUCHI (Japan)
- 15 Effective refractive index of calcium carbonate pigment slurries by a surface-plasmon-resonance sensor A. JÄÄSKELÄINEN, K.-E. PEIPONEN, U. TAPPER, E.I. KAUPPINEN & K. LUMME (Finland)
- Molecular structure and photochromic properties of 1,3-dimethylindoline-3,3'-alkano-2-spiro-2'-(6'-nitro)benzopyrans Y. ABE, H. EBARA, S. OKADA, R. AKAKI, T. HORII & R. NAKAO (Japan)
- 29 Evaluation of disperse dye sublimation via gas chromatography Y. SAWANOI, Y. SHIMBO, I. TABATA, K. HISADA & T. HORI (Japan)
- 37 Synthesis and properties of violet light-emitting polymeric fluorophore C.-W. LEE, S.-W. JOO, O. KIM, J. KO & M.-S. GONG (South Korea)
- 47 Resolution of absorption spectra of three azo dyes in monomeric state B. NEUMANN (UK)
- The inhibition of triphenylmethane primary dye fading in carbonless copying paper systems by singlet oxygen quenching bis(dithiocarbamato)nickel(II) complexes

 M.A. CAINE, R.W. MCCABE, L. WANG, R.G. BROWN & J.D. HEPWORTH (UK)
- 67 Book review

Number 2

- Degradation of azo-reactive dyes by ultraviolet radiation in the presence of hydrogen peroxide D. GEORGIOU, P. MELIDIS, A. AIVASIDIS & K. GIMOUHOPOULOS (Greece)
- 79 Novel quinone cyanine dyes: synthesis and spectral studies H.A. SHINDY, M.A. EL-MAGHRABY & F.M. EISSA (Egypt)
- 89 The synthesis and analysis of Ce_{0.95-y}Pr_{0.05}Gd_yO_{2-y/2} pigments P. ŠULCOVÁ (Czech Republic)
- 95 Synthesis and photochromic properties of spironaphth [1,2-b]oxazine containing a reactive substituent R. NAKAO, T. HORII, Y. KUSHINO, K. SHIMAOKA & Y. ABE (Japan)
- 101 The synthesis and properties of some carboxy-substituted analogs of butter yellow W.E. BRENZOVICH JR., R.J.T. HOUK, S.M.A. MALUBAY, J.O. MIRANDA, K.M. ROSS & C.J. ABELT (USA)

- 115 On the synthesis of some bifunctional reactive triazine dyes T. KONSTANTINOVA & P. PETROVA (Bulgaria)
- 121 The synthesis and spectral properties determination of 3-substituted phenyl-1,5-diphenylformazans H. TEZCAN, Ş. CAN & R. TEZCAN (Turkey)
- 129 Synthesis and absorption spectra of new polymethine cyanine dyes R.M. ABD EL-AAL (Egypt)
- 137 Synthesis and application of some polycondensable fluorescent dyes L.G.F. PATRICK & A. WHITING (UK)
- 145 Calculated values of the octanol-water partition coefficient and aqueous solubility for aminoazobenzene dyes and related structures

 K.L. BHAT, A. GARG & C.W. BOCK (USA)

Short communication

161 Synthesis and characterisation of crown ether based azo dyes B.R. PANDYA & Y.K. AGRAWAL (India)

Number 3

- On quinacridones and their supramolecular mesomerism within the crystal lattice G. LINCKE (Germany)
- Spectrophotometric studies of ternary complexes of lead and bismuth with o-phenanthroline and eosin M.A. RAUF, M. IKRAM & M. AHMAD (Pakistan)
- 191 Fused heterocycle 11-amino-13H-acenaphtho[1,2-e]pyridazino[3,2-b]quinazoline-13-one based monoazo disperse dyes
 V.H. PATEL, M.P. PATEL & R.G. PATEL (India)
- 199 Diphenylchlorin and diphenylbacteriochlorin: synthesis, spectroscopy and photosensitising properties T.Y. WANG, J.R. CHEN & J.S. MA (China)
- 209 Heterocyclic derivatives from natural occurring naphthoquinones: synthesis, characterization and X-ray structure of beta-lapachone hydrazo compounds
 C.E.M. CARVALHO, V.F. FERREIRA, A.V. PINTO, M. DO CARMO F.R. PINTO (Brazil) & W. HARRISON (UK)
- The preparation and characteristics of cobalt blue mica coated titania pearlescent pigment TAN JUNRU, HAN YUNFANG, HOU WENXIANG, CHEN XIUZENG & FU XIANSONG (PR China)
- 223 Photo-induced interaction of hydrophobic and hydrophilic dye molecules at nanometer distances F. GAO (USA)
- 231 Acidobasic equilibria and spectral characteristics of acetyl and tosyl derivatives of 4,4'-diaminostilbene-2,2'-disulfonic acid O. MACHALICKÝ, P. BEČICOVÁ, J. VANĚRKA & T. WEIDLICH (Czech Republic)
- 245 Synthesis, structure, and complexation properties with transition metal cations of a novel methine-bridged bisquarylium dye
 S. YAGI, Y. FUJIE, Y. HYODO & H. NAKAZUMI (Japan)